

the display screen a derived data calculation user interface to enable user selection of a derived data calculation process when calculation and display of derived data for a selected graph element is possible; and means for displaying on the display screen a derived data adjustment user interface for enabling user adjustment of a display position of derived data when calculation and display of the derived data for the selected graph element is not possible.

2. (Amended) A derived data display adjustment system according to claim 1; wherein the means for displaying comprises means for determining whether the derived data calculation process is possible when a graph element is selected by a user for performing a derived data calculation process thereon, and displaying one of the derived data calculation user interface and the derived data adjustment user interface based on the determination result.

3. (Amended) A derived data display adjustment system according to claim 2; wherein the derived data calculation user interface comprises a cursor displayed on the display screen when the graph element comprises a data curve.

4. (Amended) A derived data display adjustment system according to claim 2; wherein the derived data

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adjustment user interface comprises a user-movable display region displayed on the display screen when the graph element is a derived data display.

Kindly add the following new claims 5-13:

5. A derived data display adjustment system for a sample analyzer having a computer, comprising:

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a display screen connected to the computer for displaying a plurality of images of results of sample analysis performed by the sample analyzer;

means for permitting user selection of one or more displayed images to be subjected to a derived data calculation process;

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means for displaying a derived data user interface on the display screen in response to user selection of one or more displayed images to enable user selection of a derived data calculation process;

determining means for determining whether display of the derived data on the display screen may be achieved without interfering with other displayed images; and

means for displaying a derived data adjustment user interface on the display screen to enable a user to select a convenient display location for display of the derived data if a determination is made by the determining means that display

of the derived data on the display screen cannot be achieved without interfering with other displayed data.

6. A derived data display adjustment system according to claim 5; wherein the displayed images are data curves.

7. A derived data display adjustment system according to claim 5; wherein the displayed images are DSC curves.

8. A derived data display adjustment system according to claim 5; wherein the derived data user interface comprises one or more user-selectable derived data calculation processes.

9. A derived data display adjustment system according to claim 5; wherein the one or more user-selectable derived data calculation processes include interpolated melting start temperature.

10. A derived data display adjustment system according to claim 5; wherein the one or more user-selectable derived data calculation processes include interpolated melting start temperature, interpolated crystallization start temperature, melting peak temperature, liquid crystal temperature, and glass transfer temperature.

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11. A derived data display adjustment system according to claim 5; wherein the means for permitting user selection, the means for displaying a derived data user interface, the determining means, and the means for displaying a derived data adjustment user interface comprise processes performed by the computer.

12. A derived data display adjustment system according to claim 5; wherein the derived data user interface comprises a cursor displayed on the display screen when the graph element comprises a data curve.

13. A derived data display adjustment system according to claim 5; wherein the derived data adjustment user interface comprises a user-movable display region displayed on the display screen when the graph element is a derived data display.

ADDITIONAL FEES:

No additional fees are believed required; however, should it be determined that a fee is due, authorization is hereby given to charge any such fee to our Deposit Account No. 01-0268.